

CLAIMS

1. A nozzle unit for the spreading of foamed glue onto a flat surface in the production of wood-based sheets, wherein the nozzle unit has a feeder canal (1) for directing glue into the nozzle unit, a row of nozzles (5) for directing glue from the nozzle unit onto a flat surface and also a distribution canal network between the feeder canal and the nozzles for distributing glue evenly to the nozzles, characterized in that the area of the distribution canal network has a compensation canal (9) closed to/from external, that forms a free flow channel between the branches of the distribution canal network leading to the nozzles (5).
2. A nozzle unit according to claim 1, characterized in that the distribution canal network is composed of successive canal zones such that one flow canal of a zone always divides in the next zone into at least two flow canals.
3. A nozzle unit according to claim 2, characterized in that the compensation canal (9) is arranged to connect all the flow canals of one canal zone to one another.
4. A nozzle unit according to claim 2, characterized in that in one canal zone before the nozzles (5) is a vent (6) that simultaneously opens and closes each of the canals in that canal zone.
5. A nozzle unit according to claim 2, characterized in that the compensation canal (9) is arranged in the last canal zone before the nozzles.
6. A nozzle unit according to claim 4, characterized in that the nozzle unit contains a return canal (7) and the vent contains connections (8) that direct glue to the return canal when the vent closes the nozzles.
7. A nozzle unit according to one of claims 1 - 6, characterized in that distribution canals con-

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nected to the compensation canal (9) are of equal flow cross-section.

8. A nozzle unit according to one of claims 1 - 7, characterized in that the flow cross-section of 5 the compensation canal (9) is essentially larger than the flow cross-sections of the distribution canals that it connects to one another.

9. A nozzle unit according to one of claims 1 - 8, characterized in that the nozzle unit has a 10 compensation canal in at least two different canal zones.